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U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF STATISTICS—CIRCULAR 34.

VICTOR H. OLMSTED, CHIEF OF BUREAU.

RICE CROP OF THE UNITED STATES, 1712-1911.

COMPILED UNDER THE DIRECTION OF

GEORGE K. HOLMES,

Chief of the Division of Production and Distribution.

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LOS ANGELES

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RICE CROP IN THE UNITED STATES, 1712–1911.

Intelligent use of the following table depends upon observing these explanations:

AREA.—Of production, contiguous United States; of trade, contiguous United States, and, subsequent to its annexation, Alaska; of total consumption, contiguous United States and Alaska.

PRODUCTION.—The year mentioned is that of planting, growth, and harvest. Production data obtained from following sources: South Carolina crop, 1718, letter from Governor Johnston, of South Carolina, January 12, 1720; 1738, Butel-Dumont; 1768, John Drayton, ex-governor of South Carolina; United States crop, 1839, 1849, 1859, 1869, 1879, 1889, 1899, 1909, Census; 1841–48, estimates of the Commissioner of Patents; 1853, estimate of the Commissioner of Agriculture; 1904–8, 1910, 1911, estimates of the Department of Agriculture.

Estimates of the marketed production of rice by Dan Talmage's Sons Co. 1819–38, 1840, 1850–58, for the Carolinas and Georgia; 1860, for the same States and Louisiana; 1861–63, for Louisiana only; 1864–65, for North Carolina and Louisiana; 1866–68, 1870–78, 1880–88, 1890–98, for the Carolinas, Georgia, and Louisiana; 1900–1903; for the same States and Texas.

PRODUCTION PER ACRE.—Census estimate for 1849; Census average, 1879, 1889, 1899, 1909; Bureau of Statistics, Department of Agriculture, 1904–8, 1910, 1911.

TOTAL FARM VALUE.—Production multiplied by farm value per barrel; Census, 1899, 1909.

FARM VALUE PER BARREL.—1839, 1845, general and usual plantation price; 1846–47, Commissioner of Patents; 1849, Census estimate; 1853, Commissioner of Agriculture; 1899, 1909, Census average; 1904–8, 1910, 1911, Bureau of Statistics, Department of Agriculture.

DOMESTIC EXPORTS OF CLEANED RICE—NET WEIGHT.—Exports of South Carolina: 1717–18, letter from governor of South Carolina; 1719, 1721, F. Yonge, agent of South Carolina in London; 1724–35, Butel-Dumont; 1736–37, 1739–46, 1748–52, 1754, 1758–59, 1762–64, South Carolina Gazette quoted in Charleston Yearbook, 1880; 1738, Anderson's Commerce; 1747, Governor Glen's Report to the Board of Trade; 1753, 1771, 1781–83, 1788, John Drayton; 1773, Charleston Yearbook, 1880; 1784–85, de la Rochefoucauld Liancourt; 1786, Jedediah Morse. The data were originally taken from the customhouse records of Charleston, S. C.

Exports of South Carolina and Georgia: 1760, 1770, South Carolina Gazette and Jedediah Morse; 1761, South Carolina Gazette and Anderson's Commerce; 1772, John Drayton and Jedediah Morse.

Exports from all the British Colonies in America: 1712–16, Colonial records of North Carolina, imports into Great Britain from the British Colonies in America and here stated as exports; 1767–69, official colonial statistics of exports of rice from British North America, quoted by Sheffield.

Exports from the United States: 1789–1801 including reexports, 1802–19 not including reexports, American State Papers; 1820 and subsequently, Bureau of Statistics, Department of Commerce and Labor. Figures for 1789 are incomplete, one quarterly return missing from Charleston, S. C. Rice bran, meal, and polish are not included except for 1891, when separate data are not given for these products.

Since 1899 the shipments of rice to Hawaii and Porto Rico from the United States have been added to the domestic exports to make the data comparable with earlier years, while the exports from those two customs districts to foreign countries have been subtracted from the total exports from the United States.

The years 1712–16 begin at Christmas; 1718–19, 1768–70 are calendar years and are tabulated under 1717, 1718, 1767, 1768, 1769. All the other years begin Nov. 1, as nearly as can be ascertained until 1789, which begins Aug. 1 (14-month year, partly duplicating previous year); 1790–1842 begin Oct. 1 (1842 is a 9-month year); 1843 and following years begin July 1.

Domestic exports of cleaned rice—total value.—Before 1789 export price as quoted from the customhouse reports, or weight of exports multiplied by the Charleston market price; 1789–90, 1802–19, American State Papers; 1791–95 calculated values, based on Charleston export prices; 1820 and subsequently, Bureau of Statistics, Department of Commerce and Labor.

Imports for consumption, cleaned rice—net weight.—Total imports less reexports, 1861–65; imports for consumption 1866 and subsequently, Bureau of Statistics, Department of Commerce and Labor. Fifty-five per cent of the weight of the imported paddy and 89 per cent of the imported uncleaned rice were counted as cleaned rice—see Customs Decision No. 21747, Treasury Department. Since 1899 the shipments of domestic and foreign rice from Hawaii and Porto Rico to the United States have been added to the imports for consumption of the United States, to make the data comparable with previous years, while imports for consumption into those two customs districts have been subtracted from the total for the United States.

After October 6, 1890, "Rice flour, rice meal, and broken rice which will pass through a wire sieve known commercially as No. 1," are added. Previous to that date these by-products were omitted.

Equivalents used.—In trade, barrel, 1717, 350 pounds; 1719–29, 400 pounds; 1730–88, 500 pounds; 1789–1864, 400 pounds; tierce, 1789–1864, 600 pounds. In production, 1 barrel of rough rice=162 pounds=100 pounds of cleaned rice; 1 bushel of rough rice=45 pounds; 3.6 bushels of rough rice=1 barrel.

Consumption.—No account taken of stocks at beginning and end of year. The figures are taken from the formula of production plus net imports (imports for consumption, 1866 and subsequently) minus domestic exports, and do not stand for actual consumption for any certain year.

Consumption of cleaned rice—per capita.—The indicated per capita consumption of cleaned rice, by 5-year periods, for food, brewing, and other purposes, based upon area and population of contiguous United States and Alaska, follows: 1821–25, 0.54 pound; 1826–30 (apparent excess of exports); 1831–35, 0.72 pound; 1836–40, 1.55 pounds; 1841–45, 1.23 pounds; 1846–50, 2.51 pounds; 1851–55, 1.57 pounds; 1856–60, 1.93 pounds; 1861–65, 1.91 pounds; 1866–70, 2.32 pounds; 1871–75, 2.75 pounds; 1876–80, 3.01 pounds; 1881–85, 3.50 pounds; 1886–90, 3.79 pounds; 1891–95, 4.57 pounds; 1896–1900, 4.17 pounds; 1901–5, 5.94 pounds; 1906–10, 7.36 pounds.

Five-year averages.—The percentages of production retained for consumption and the per capita consumption are weighted averages; yield per acre and price per pound are means.

Gold value.—All values have been reduced to gold for 1861–78.

Authorities.—North Carolina Colonial Records, Anderson's Commerce, South Carolina Gazette, American State Papers, American Husbandry, Sheffield's Observations on the Commerce of the American States, Bureau of the Census, Commissioner of Patents; Wm. J. Rivers, History of South Carolina; F. Yonge, agent of South Carolina in London, Address to the Rt. Hon. John Lord Carteret; Georges Marie Butel-Dumont, Histoire et Commerce des Colonies Anglaises dans l'Amèrique Septentrionale; John Drayton, A View of South Carolina; Governor Glen's Report to the Board of Trade, 1749; F. A. F. de la Rochefoucauld Liancourt, Travels through the United States; Alexander Hewatt, An Historical Account of South Carolina and Georgia; David Ramsey, History of South Carolina, 1670–1808; Jedediah Morse, American Geography, 1789; W. G. Simms, History of South Carolina; De Bow, Industries of Southern and Western States; Charleston, S. C., Yearbook, 1880; Bureau of Statistics, Department of Commerce and Labor; Bureau of Statistics, Department of Agriculture.

Production, value, domestic exports, imports, and consumption of rice for the United States, 1712–1911.

Year.	Production.			Farm value, rough.		Fiscal year beginning in the year mentioned.				Retained and received for consumption.	
	Total.		Per acre, rough.	Total.	Per barrel.	Domestic exports, cleaned.		Imports for consumption, cleaned.		Net weight, cleaned.	Per cent of production.
	Rough.	Cleaned.				Net weight.	Export value.	Net weight.	Import value.		
	Barrels.	*Pounds.*	*Barrels.*	*Dollars.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Per cent.*
1694 [a]											
1712						3,144,176					
1713						3,144,176					
1714						3,144,176					
1715						3,144,176					
1716						3,144,176					
1717						3,187,100					
1718	49,000	4,900,000				3,190,250				1,709,750	34.9
1719						5,443,600	118,265				
1721						8,751,600	94,570				
1724						7,093,600					
1725						9,212,400					
1726						10,753,600					
1727						11,962,000					
1728						12,953,600					
1729						16,688,800					
1730						19,743,500	288,255				
1731						18,534,000					
1732						25,363,000					
1733						15,161,500					
1734						22,866,100					
1735						26,485,300					
1736						21,413,300	623,226				
1737						17,162,000					
1738	400,000	40,000,000				35,742,000	695,754			4,258,000	10.6

[a] Seed obtained by governor of Carolina from ship from Madagascar.

Production, value, domestic exports, imports, and consumption of rice for the United States, 1712–1911—Continued.

Year.	Production.			Farm value, rough.		Fiscal year beginning in the year mentioned.				Retained and received for consumption.	
	Total.		Per acre, rough.	Total.	Per barrel.	Domestic exports, cleaned.		Imports for consumption, cleaned.		Net weight, cleaned.	Per cent of production.
	Rough.	Cleaned.				Net weight.	Export value.	Net weight.	Import value.		
	Barrels.	*Pounds.*	*Barrels.*	*Dollars.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Per cent.*
1739						45,555,000	997,620				
1740						40,447,400	1,082,605				
1741						23,098,000					
1742						36,708,000	714,558				
1743						40,389,000	540,048				
1744						29,813,500	253,903				
1745						27,050,500	263,282				
1746						27,073,000	606,053				
1747						27,566,000	430,161				
1748						20,517,000	399,384				
1749						24,110,500					
1750						30,805,600	554,685				
1751						39,217,200	1,335,953				
1752						17,761,000	388,952				
1753						52,341,000	891,509				
1754						48,389,000	941,940				
1758						25,942,400					
1759						30,403,300	666,028				
1760						52,341,600	955,201				
1761						43,592,300	636,426				
1762						50,529,500	1,229,509				
1763						50,921,000	991,228				
1764						53,646,000	1,305,341				
1767						68,266,500	1,494,984				
1768	700,000	70,000,000				67,234,000	1,472,638			2,766,000	4.0
1769						75,492,300	1,660,976				
1770						76,510,700	2,606,375				
1771						70,000,000	2,384,585				
1772						68,077,500	2,319,094				
1773						62,538,000					

1782						12,112,000					
1783						30,987,000					
1784						31,856,500					
1785						32,928,500					
1786						32,597,500					
1788						50,000,000					
1789						a 60,507,000	a 1,753,796				
1790						74,136,000	1,915,180				
1791						85,057,200	1,937,596				
1792						80,766,600	2,319,056				
1793						69,891,600	1,873,353				
1794						83,115,600	2,946,176				
1795						78,623,400	4,515,494				
1796						36,066,600					
1797						75,145,800					
1798						66,359,400					
1799						67,233,600					
1800						56,919,600					
1801						47,893,200					
1802						49,102,800	2,455,000				
1803						47,031,000	2,350,000				
1804						34,098,000	1,705,000				
1805						61,576,200	2,617,000				
1806						56,815,200	2,367,000				
1807						5,536,800	221,000				
1808						70,144,200	2,104,000				
1809						78,804,600	2,626,000				
1810						71,613,600	2,387,000				
1811						46,314,000	1,544,000				
1812						72,505,800	3,021,000				
1813						6,885,600	230,000				
1814						77,548,800	2,785,000				
1815						82,705,800	3,555,000				
1816						47,577,600	2,378,880				
1817						52,908,600	3,262,697				
1818						45,913,800	2,142,644				
1819	532,920	53,292,000				42,997,800	1,714,923			10,294,200	19.3
1820	693,546	69,354,600				52,932,600	1,494,307			16,422,000	23.7
1821	605,442	60,544,200				52,253,400	1,553,482			8,290,800	13.7
1822	619,512	61,951,200				60,819,000	1,820,985			1,132,200	1.8

a One quarterly return missing for Charleston, S. C.

Production, value, domestic exports, imports, and consumption of rice for the United States, 1712–1911—Continued.

Year.	Production.			Farm value, rough.		Fiscal year beginning in the year mentioned.				Retained and received for consumption.	
	Total.		Per acre, rough.	Total.	Per barrel.	Domestic exports, cleaned.		Imports for consumption, cleaned.		Net weight, cleaned.	Per cent of production.
	Rough.	Cleaned.				Net weight.	Export value.	Net weight.	Import value.		
	Barrels.	*Pounds.*	*Barrels.*	*Dollars.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Per cent.*
1823	754,638	75,463,800				67,937,400	1,882,982			7,526,400	10.0
1824	661,332	66,133,200				58,209,000	1,925,245			7,924,200	12.0
1825	703,488	70,348,800				66,637,800	1,917,445			3,711,000	5.3
1826	796,866	79,686,600				80,110,800	2,343,908			[a] 424,200	
1827	874,068	87,406,800				105,011,400	2,620,696			[a] 17,604,600	
1828	923,556	92,355,600				102,981,600	2,514,370			[a] 10,626,000	
1829	875,658	87,565,800				78,418,200	1,986,824			9,147,600	10.4
1830	813,516	81,351,600				69,910,200	2,016,267			11,441,400	14.1
1831	911,550	91,155,000				72,196,200	2,152,631			18,958,800	20.8
1832	1,069,530	106,953,000				86,497,800	2,744,418			20,455,200	19.1
1833	872,226	87,222,600				73,131,600	2,122,272			14,091,000	16.2
1834	906,000	90,600,000				66,510,600	2,210,331			24,089,400	26.6
1835	1,013,106	101,310,600				127,789,800	2,548,750			[a] 26,479,200	
1836	905,748	90,574,800				63,650,400	2,309,279			26,924,400	29.7
1837	716,046	71,604,600				42,628,800	1,721,819			28,975,800	40.5
1838	819,498	81,949,800				55,992,000	2,460,198			25,957,800	31.7
1839	808,414	80,841,422		2,021,035	2.50	60,996,000	1,942,076			19,845,422	24.5
1840	842,526	84,252,600				60,970,200	2,010,107			23,282,400	27.6
1841	889,530	88,952,968				68,770,200	1,907,387			20,182,768	22.7
1842	940,075	94,007,484				64,059,600	1,625,726			29,947,884	31.9
1843	898,791	89,879,145				80,829,000	2,182,468			9,050,145	10.1
1844	1,117,590	111,759,000				71,172,600	2,160,456			40,586,400	36.3
1845	897,650	89,765,000		3,590,600	4.00	74,404,200	2,564,991			15,360,800	17.1
1846	977,415	97,741,500		3,786,483	3.87	86,656,200	3,605,896			11,085,300	11.3
1847	1,030,405	103,040,500		3,091,215	3.00	60,241,800	2,331,824			42,798,700	41.5
1848	1,191,995	119,199,500				77,316,600	2,569,362			41,882,900	35.1
1849	2,153,135	215,313,497	12.3	4,000,000	1.86	76,241,400	2,631,557			139,072,097	64.6
1850	1,027,758	102,775,800				63,354,000	2,170,927			39,421,800	38.4
1851	1,057,338	105,733,800				71,839,800	2,471,029			33,894,000	32.1
1852	1,024,674	102,467,400				40,624,200	1,657,658			61,843,200	60.4

1853	1,014,306	101,430,600				63,072,600	2,634,127			38,358,000	37.8
1854	708,720	70,872,000				39,421,600	1,717,953			31,450,400	44.4
1855	1,036,062	103,606,200				67,616,000	2,390,233			35,990,200	34.7
1856	995,646	99,564,600				68,322,800	2,290,400			31,241,800	31.4
1857	1,082,436	108,243,600				58,122,200	1,870,578			50,121,400	46.3
1858	1,162,932	116,293,200				77,070,400	2,207,148			39,222,800	33.7
1859	1,871,670	187,167,032				81,632,600	2,567,399			105,534,432	56.4
1860	1,052,792	105,279,200				43,512,400	1,382,178			61,766,800	58.7
1861	20,518	2,051,830				4,221,600	156,899	52,931,536	1,485,461	50,761,766	2,474.0
1862	20,863	2,086,280				1,694,800	83,404	51,907,689	1,367,941	52,299,169	2,506.8
1863	15,808	1,580,790				2,176,800	84,217	90,207,906	1,458,608	89,611,896	5,668.8
1864	47,406	4,740,580				983,200	65,105	48,955,869	933,643	52,713,249	1,112.0
1865	102,465	10,246,490				2,212,901	136,993	66,254,350	2,042,841	74,287,939	725.0
1866	251,545	25,154,520				1,394,007	100,338	48,855,056	1,694,828	72,615,569	288.7
1867	278,138	27,813,790				3,079,043	170,357	43,778,772	1,210,767	68,513,519	246.3
1868	436,519	43,651,910				2,232,833	145,934	36,188,559	981,173	77,607,636	177.8
1869	736,350	73,635,021				2,133,014	127,655	33,606,275	799,741	105,108,282	142.7
1870	548,889	54,888,880				445,842	22,502	50,659,834	1,449,198	105,102,872	191.5
1871	393,260	39,325,990				403,835	28,768	53,545,533	1,674,401	92,467,688	235.1
1872	522,758	52,275,780				276,637	19,740	54,580,588	1,663,786	106,579,731	203.9
1873	624,004	62,400,380				558,922	27,075	59,330,435	1,620,385	121,171,893	194.2
1874	678,134	67,813,400				277,337	19,831	50,982,298	1,349,330	118,518,361	174.8
1875	838,608	83,860,800				439,991	30,918	50,720,709	1,240,949	134,141,518	160.0
1876	866,282	86,628,200				1,306,982	78,112	50,632,561	1,244,285	135,953,779	156.9
1877	777,324	77,732,400				631,105	33,953	46,172,628	1,318,508	123,273,923	158.6
1878	815,138	81,513,800				740,136	35,538	55,393,226	1,749,645	136,166,890	167.0
1879	1,101,314	110,131,373	6.4			183,534	13,366	51,820,122	1,520,718	161,767,961	146.9
1880	1,118,690	111,868,990				150,451	10,072	49,128,463	1,390,037	160,847,002	143.8
1881	1,026,048	102,604,810				143,289	10,109	73,978,940	1,927,333	176,440,461	172.0
1882	999,850	99,985,000				136,143	8,679	78,626,250	2,040,396	178,475,107	178.5
1883	1,107,000	110,700,000				163,519	9,870	84,563,181	2,081,035	195,099,662	176.2
1884	1,095,616	109,561,600				168,827	10,619	76,585,228	1,866,574	185,978,001	169.7
1885	1,501,950	150,195,000				256,311	14,241	55,181,869	1,346,088	205,120,558	136.6
1886	1,556,695	155,669,500				644,384	29,204	46,617,668	1,140,449	201,642,784	129.5
1887	1,136,307	113,630,700				398,535	22,234	92,287,042	2,132,330	205,519,207	180.9
1888	1,247,332	124,733,200				439,706	24,124	96,084,903	2,078,010	220,378,397	176.7
1889	1,285,909	128,590,934	8.0			388,914	20,728	79,896,214	1,794,928	208,098,234	161.8
1890	1,368,000	136,800,000				540,620	33,012	167,075,722	3,603,880	303,335,102	221.7
1891	1,556,656	155,665,600				[b] 10,256,797	[b] 89,340	143,666,944	3,052,431	289,075,747	185.7
1892	2,375,469	237,546,900				756,992	25,126	137,220,387	2,703,821	374,010,295	157.4

[a] Excess of exports over production.

[b] Including bran, meal, and polish, which are not separately stated in the returns.

Production, value, domestic exports, imports, and consumption of rice for the United States, 1712–1911—Continued.

Year.	Production.			Farm value, rough.		Fiscal year beginning in the year mentioned.				Retained and received for consumption.	
	Total.		Per acre, rough.	Total.	Per barrel.	Domestic exports, cleaned.		Imports for consumption, cleaned.		Net weight, cleaned.	Per cent of production.
	Rough.	Cleaned.				Net weight.	Export value.	Net weight.	Import value.		
	Barrels.	*Pounds.*	*Barrels.*	*Dollars.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Per cent.*
1893	1,228,652	122,865,160	.....	.....	.....	763,425	19,884	120,368,197	2,108,218	242,469,932	197.3
1894	1,098,208	109,820,800	.....	.....	.....	124,296	4,687	200,614,058	3,265,143	310,310,562	282.6
1895	1,686,854	168,685,440	.....	.....	.....	1,346,876	14,117	135,563,114	2,058,241	302,901,678	179.6
1896	968,864	96,886,400	.....	.....	.....	387,288	14,617	183,965,394	3,335,533	280,464,506	289.5
1897	1,163,018	116,301,760	.....	.....	.....	637,146	27,501	167,193,971	3,315,583	282,858,585	243.2
1898	1,369,907	136,990,720	.....	.....	.....	852,704	38,511	166,436,082	3,440,145	302,574,098	220.9
1899	2,502,802	250,280,227	7.3	6,329,562	2.53	12,947,009	500,364	102,983,404	2,090,550	340,316,622	136.0
1900	2,531,392	253,139,200	.....	.....	.....	37,886,640	1,352,532	102,150,653	2,112,412	317,403,213	125.4
1901	3,880,352	388,035,200	.....	.....	.....	51,135,786	1,832,772	132,843,296	2,526,089	469,742,710	121.1
1902	3,193,930	319,392,960	.....	.....	.....	64,417,713	2,428,759	145,111,635	2,610,171	400,086,882	125.3
1903	5,607,500	560,750,000	.....	.....	.....	70,394,224	2,558,602	121,387,622	2,342,442	611,743,398	109.1
1904	5,860,000	586,000,000	8.8	13,891,523	2.37	165,686,172	5,066,095	94,275,387	1,785,433	514,589,215	87.8
1905	3,592,500	359,250,000	7.8	12,285,834	3.42	100,339,349	3,650,747	145,924,993	2,835,258	404,835,644	112.7
1906	4,959,720	495,972,000	8.6	16,121,298	3.25	105,264,996	4,283,480	176,699,398	3,566,581	567,406,402	114.4
1907	5,205,000	520,500,000	8.3	16,081,000	3.09	84,271,876	3,580,599	174,309,014	3,933,059	610,537,138	117.3
1908	6,080,560	608,056,000	9.3	17,771,000	2.92	94,609,648	3,545,323	188,430,782	4,094,468	701,877,134	115.4
1909	6,066,272	606,627,000	9.9	16,019,607	2.64	124,641,652	3,971,890	188,446,069	3,714,282	670,431,417	110.5
1910	[a] 6,808,333	[a] 680,833,000	[a] 9.4	[a] 16,624,000	[a] 2.44	142,612,966	4,496,859	176,310,330	3,461,760	714,530,364	104.9
1911	[a] 6,370,555	[a] 637,056,000	[a] 9.1	[a] 18,274,000	[a] 2.87	.....	.....	.....	.....	.....	.....
Average:											
1789–1795	.....	.....	.....	.....	.....	76,013,914	2,465,807	.....	.....	.....	.....
1796–1800	.....	.....	.....	.....	.....	60,345,000	.....	.....	.....	.....	.....
1801–1805	.....	.....	.....	.....	.....	47,940,240	.....	.....	.....	.....	.....
1806–1810	.....	.....	.....	.....	.....	56,582,880	1,941,000	.....	.....	.....	.....
1811–1815	.....	.....	.....	.....	.....	57,192,000	2,227,000	.....	.....	.....	.....
1816–1820	.....	.....	.....	.....	.....	48,466,080	2,198,690	.....	.....	.....	.....
1821–1825	668,882	66,888,240	.....	.....	.....	61,171,320	1,820,028	.....	.....	5,716,920	8.5
1826–1830	856,733	85,673,280	.....	.....	.....	87,286,440	2,296,413	.....	.....	[b] 1,613,160	.....
1831–1835	954,482	95,448,240	.....	.....	.....	85,225,200	2,355,680	.....	.....	10,223,040	10.7
1836–1840	818,446	81,844,644	.....	.....	.....	56,847,480	2,088,696	.....	.....	24,997,164	30.5

1841–1845	948,727	94,872,719	.....	.....	.....	71,847,120	2,088,206	.....	.....	23,025,599	24.3
1846–1850	1,276,142	127,614,159	.....	.....	.....	72,762,000	2,661,913	.....	.....	54,852,159	43.0
1851–1855	968,220	96,822,000	.....	.....	.....	56,514,840	2,174,200	.....	.....	40,307,160	41.6
1856–1860	1,233,095	123,309,526	.....	.....	.....	65,732,080	2,063,541	.....	.....	57,577,446	46.7
1861–1865	41,412	4,141,194	.....	.....	.....	2,257,860	105,324	62,051,470	1,457,699	63,934,804	1,543.9
1866–1870	450,288	45,028,824	.....	.....	.....	1,856,948	113,357	42,617,699	1,227,141	85,789,575	190.5
1871–1875	611,353	61,135,270	.....	.....	.....	391,344	25,266	53,831,913	1,509,770	114,575,839	187.4
1876–1880	935,750	93,574,953	.....	.....	.....	602,442	34,208	50,629,400	1,444,639	143,601,911	153.5
1881–1885	1,146,093	114,609,282	.....	.....	.....	173,618	10,704	73,787,094	1,852,285	188,222,758	164.2
1886–1890	1,318,849	131,884,867	.....	.....	.....	482,432	25,860	96,392,310	2,149,919	227,794,745	172.7
1891–1895	1,589,168	158,916,780	.....	.....	.....	2,649,677	30,631	147,486,540	2,637,571	303,753,643	191.1
1896–1900	1,707,197	170,719,661	.....	.....	.....	10,542,157	386,705	144,545,901	2,858,845	304,723,405	178.5
1901–1905	4,426,883	442,685,632	.....	.....	.....	90,394,649	3,107,395	127,908,587	2,419,879	480,199,570	108.5
1906–1910	[a] 5,823,977	[a] 582,397,600	[a] 9.1	[a] 16,523,381	[a] 2.87	110,280,228	3,975,630	180,839,119	3,754,030	652,956,491	112.1

[a] Preliminary.

[b] Excess of exports over production.